|-

Please ty	pe a plus s	ign (+) ins	side thi	s boy
Jnder the Pa	perwork R	eduction A	Act of	199

٠ '	E		Approved U.S. Patent and Tradem
ns	аге	required	to respond to a collection of informat

•	PTO/SB/05 (11-00)
	1 10/00/00 (11-00)
್ಲಾr use throug	h 10/31/2002 OMB 0651-0032
, ==== = ====	
lice: U.S. D.	EPARTMENT OF COMMERCE
100, O.O. D	TO VIVIALENT OF COMMERCE
ess it displa	ys a valid OMB control number.
Jese it dispit	As a valid Civip coult of Unimpet

ess it	displays a	valid OME	control	number
lice; L	J.S. DEPA	RTMENT	OF COM	MERCE
, use :	anough it	3/31/2002.	OMPUG	51-0032

to a collection of informati		ess it displays a valid OMB control number		
Attorney Docket No. First Inventor		13620		
		Senior		
Title	ELECTRONI	C QUANTITY SYSTEM		

PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

UTILITY

(Only for new nonprovision	onal applications under 37 CFR 1.53(b))	Express Mail Label No.	jc	
APPLICATION ELEMENTS		ADDRESS TO: Assistant Commissioner for Patents		
See MPEP chapter 600 con	ncerning utility patent application contents.	ADDRESS TO: Box Patent Application Washington, DC 20231		
Fee Transmittal F	Form (e.g., PTO/SB/17) a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or		
2 X Applicant claims	small entity status.	Computer Program (Appendix)		
See 37 CFR 1.27	·	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
3. L (preferred arrangemen		a. Computer Readable Form (CRF)		
- Descriptive title - Cross Reference	e of the invention ce to Related Applications	b. Specification Sequence Listing on:		
- Statement Reg	arding Fed sponsored R & D	i. CD-ROM or CD-R (2 copies); or		
or a computer i	equence listing, a table, program listing appendix	ii. 🔲 paper		
 Background of 	the Invention of the Invention	c. Statements verifying identity of above copies		
- Brief Description	on of the Drawings (if filed)	ACCOMPANYING APPLICATION PARTS		
- Detailed Descr - Claim(s)	iption	9. X Assignment Papers (cover sheet & document(s))		
- Abstract of the	Disclosure	10. 37 CFR 3.73(b) Statement (when there is an assignee) Attorney		
4. X Drawing(s) (35 t	J.S.C. 113) [Total Sheets 11]	11. English Translation Document (if applicable)		
5. Oath or Declaration	[Total Pages 2]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations		
a. X Newly exec	uted (original or copy)	13. X Preliminary Amendment		
b. Copy from a	a prior application (37 CFR 1.63 (d)) httion/divisional with Box 18 completed)	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
i. DELET	ION OF INVENTOR(S)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)		
named in	atement attached deleting inventor(s) the prior application, see 37 CFR	16. Request and Certification under 35 U.S.C. 122		
1.63(d)(2) and 1.33(b).		(b)(2)(B)(i). Applicant must attach form PTO/SB/35		
6. Application Data Sheet. See 37 CFR 1.76		or its equivalent. 17. X Other: Claim for Small Entity	(2	
18. If a CONTINUING APPLI	CATION, check appropriate box, and sup	ply the requisite information below and in a preliminary amendment,		
or in an Application Data She	pet under 37 CFR 1.76: Divisional Continuation-in-part (CIP)			
Prior application information:	Examiner	of prior application No.:/ Group Art Unit:		
For CONTINUATION OR DIVISI	ONAL APPS only: The entire disclosure of t	he prior application, from which an eath or declaration is supplied under		
box ob, is considered a part of	T the disclosure of the accompanying contin	uation or divisional application and is hereby incorporated by reference. Intentity omitted from the submitted application parts.		
	19. CORRESPOND	· · · · · · · · · · · · · · · · · · ·		
X Customer Number or Bar Code Label 100293 100293 100293 100293 100293 100293				
Name	Dowell, Ralph A.			
	DOWELL & DOWELL, P.C	•		
Address	Suite 309, 1215 Jeff	erson Davis Highway		
City	Arlington	State VA Zip Code 22202		
Country	US Tel	ephone 703 415 2555 Fax 703 415 255	59	
Name (Print/Type)	Ralph A Dowell	Registration No. (Attorney/Agent) 26,868		
Signature	1 my	Date 15 Mar 2001		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



Signature

			•
	•	· ·	PTO/SB/17 (08-00)
			red for use through 10/31/2002, OMB 0651-0032
		U.S. Patent and T	Ark Office: U.S. DEPARTMENT OF COMMEDCE
Under the Paperwork Reduction Act of, no pe	rsons are required to	respond to a collection of info.	on unless it displays a valid OMB control number.
	•		13611361

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 395.00

Complete if Known			
Application Number			
Filing Date	15 March 2001		
First Named Inventor	Senior		
Examiner Name			
Group Art Unit			
Attorney Docket No.	13620		

15 Mar 2001

1.	WIETHOU OF PAYMENT (check one)	FEE CALCULATION (continued)	
Account	indicated fees and credit any overpayments to:	Large Entity Small Entity	
Deposit Name Account Name N	Account 04-1577		Fee Paid
Charge Any Additional Fee Required 127 50 227 25 25		105 130 205 65 Surcharge - late filing fee or oath	
Applicant chains small grant status See 37 CFR 1.18 and 1.17	Account		
Substitution Subs		139 130 139 130 Non-English specification	
2. New Payment Enclosed: Check	Applicant claims small entity status.	147 2,520 147 2,520 For filing a request for ex parte reexamination	
Check Credit card Money Other STEE CALCULATION 113 1,840° Resisting publication of SIR after Examiner aution Extension for reply within first month Stephene			
Substitution Fee Calculation Fee Calculati	Check Credit card Money Cother	113 1,840* 113 1,840* Requesting publication of SIR after	
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee	Order C State	Futuraine for walking first and at	
1. BASIC FILING FEE Large Entity Small Entity Fee Fe	FEE CALCULATION	Extension for south within account month	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee F	1. BASIC FILING FEE	710 000 210 130	
10 690 201 345 Utility filing fee 355 19 300 219 150 Notice of Appeal 108 310 206 155 Design filing fee 108 310 207 240 Plant filing fee 120 300 221 130 130 201 130 131 1510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 Petition to institute a public use proceeding Petition to revive - uniavoidable Petition to revive - u			-
101 690 201 345 Utility filing fee 355 120 300 219 150 120 300 220 150 120 300 220 150 120 300 220 150 121 280 221 130 122 1280 221 130 124 75 126 128 126 128 127 280 221 130 128 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510 138 1,510	Code (\$) Code (\$) Fee Paid		
106 310 206 155 Design filing fee 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 150 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an appeal 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filing a brief in support of an application 120 200 200 Filin	101 690 201 345 Utility filing fee 3.5.5	11.0	
107 480 207 240 Plant filing fee 121 280 221 130 138 1,510 138		Filtra - balance A A	
108 690 208 345 Reissue filing fee 114 150 214 75 Provisional filing fee SUBTOTAL (1) (\$) 355 2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid 140 110 240 55 141 1,210 241 605 142 1,210 242 605 143 430 243 215 144 580 244 290 145 580 244	107 480 207 240 Plant filing fee	125 555 225 155	
SUBTOTAL (1) (\$) 355 140 110 240 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 355 141 1,210 241 605 Petition to revive - unintentional 142 1,210 242 605 Utility issue fee (or reissue) Extra Claims Fee from below Fee Paid below Fee Paid Independent	108 690 208 345 Reissue filing fee	121 200 221 100	
SUBTOTAL (1) (\$) 355 141 1,210 241 605 Petition to revive - unintentional Utility issue fee (or reissue) 142 1,210 242 605 Utility issue fee Utility issue fee Utility issue fee Plant is is issue is fee Plant issue fee Plant is issue fee Plant issue f	114 150 214 75 Provisional filing fee	1.55 1,616	
2. EXTRA CLAIM FEES Extra Claims		140 110 240 55 Petition to revive - unavoidable	
Extra Claims below Fee Paid 143 430 243 215 Design issue fee	SUBTOTAL (1) (\$) 355	141 1,210 241 605 Petition to revive - unintentional	
Submitted by Fee Paid 143 243 243 245 246 24		142 1,210 242 605 Utility issue fee (or reissue)	
Total Claims		143 430 243 215 Design issue fee	
Claims Multiple Dependent *Tor number previously paid, if greater; For Reissues, see below Large Entity Small Entity Fee Fee Fee Fee Fee Fee Pee Fee Pee Fee Pee Fee Pee Fee F		144 580 244 290 Plant issue fee	
Multiple Dependent 123 50 123 50 Petitions related to provisional applications 126 240 126 240 126		122 130 122 130 Petitions to the Commissioner	
**Or number previously paid, if greater; For Reissues, see below Large Entity Small Entity Fee		123 50 123 50 Petitions related to provisional applications	
Large Entity Small Entity Fee	*or number previously paid, if greater; For Reissues, see below	126 240 126 240	
103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claims over original patent 110 18 210 9 Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) SUBMITTED BY 146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a)) 149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b)) 179 690 279 345 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify) Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40 SUBMITTED BY Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent)	Fee Fee Fee Fee Description	581 40 581 40 Recording each patent assignment per	40
102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claims, if not paid 109 78 209 39 **Reissue independent claims over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid Complete (if applicable) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Released additional invention to be examined (37 CFR § 1.129(a)) 149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b)) 179 690 279 345 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid *Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent)		146 000 240 245	
104 260 204 130 Multiple dependent claim, if not paid 109 78 209 39 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Reduced by Basic Fee Paid Registration No. (Attorney/Agent)		(37 ČFR § 1.129(a))	
over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid SUBMITTED BY Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Reduced Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify) *Reduced by Basic Filing Fee Paid *Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent)	104 260 204 130 Multiple dependent claim, if not paid	For each additional invention to be	
110 18 210 9 Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40 SUBMITTED BY Name (Print/Type) Ralph A) Dowell Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent)		179 690 279 345 Request for Continued Examination (RCE)	
SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid *Complete (if applicable) *Registration No. (Attorney/Agent) *Replaced by Basic Filing Fee Paid *Registration No. (Attorney/Agent) *Replaced by Basic Filing Fee Paid *Complete (if applicable) *Telephone 7 0 3 4 1 5 2 5 5 5 5	· · · · · · · · · · · · · · · · · · ·	the second secon	
SUBTOTAL (2) (\$) •Reduced by Basic Filling Fee Paid SUBTOTAL (3) (\$) 40 SUBMITTED BY Complete (if applicable) Name (Print/Type) Ralph A Dowell Registration No. (Attorney/Agent) 26,868 Telephone 703 415 25555		<u> </u>	
SUBMITTED BY Name (Print/Type) Ralph A Dowell Registration No. (Attorney/Agent) 26,868 Telephone 703 415 25555		Other fee (specify)	
Name (Print/Type) Ralph A) Dowell Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) 703 415 25555	SUBTOTAL (2) (\$)	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	40
Name (Print/Type) Ralph A) Dowell Registration No. (Attorney/Agent) 26,868 Telephone 703 415 25555	SUBMITTED BY	Complete (if applicable)	
// hote de		Registration No. D.6. 9.6.9 Telephone 7.0.2 .4.1.5	25555
	1/1/2/2/2	(Allerio / Agent)	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.